

## To Our Neighbors:

This is our semi-annual report to the community summarizing emergency medical helicopter landings at Seattle Children's Hospital.

The Medical Review Committee meets twice a year to review all emergency medical landings at Children's Emergency Department. This committee includes two representatives from neighborhoods surrounding Children's, a representative from the City of Seattle Department of Neighborhoods, a representative of Seattle-King County Department of Public Health, two physicians independent of Children's and key medical and nursing leadership from Children's.

In addition, an internal medical review team comprised of medical leadership and the nursing transport team from Children's and Airlift Northwest meet routinely and review all landings on an ongoing basis.

The committees continue to find that the overwhelming majority of these emergency medical landings are limited to critically ill patients for whom immediate pediatric care or intervention is indicated. We continue to evaluate each situation to determine whether a safe alternative to the landing at Children's is available.

Landings at the helistop at Children's must meet established medical criteria and occur for our critically ill patients. For example, any one of the following conditions would qualify for landing at Children's helistop:

- *inability to maintain oxygenation or airway*
- *inability to maintain adequate cardiac circulation*
- *inability to maintain adequate blood pressure*



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## A Summary of Flight Activity January to June 2018

### A Report to the Community About Emergency Medical Helicopter Landings at Seattle Children's Hospital

As a neighbor of Children's, you may be interested to learn more about the life saving emergency medical services the Hospital provides to children in our region.

The following information summarizes the use of the Helistop at Children's and describes the medical needs of children served by emergency landings over a six month period.

**These landing reports are available online at:**  
<http://construction.seattlechildrens.org/helicopter-landing-reports/>

If you have any comments or questions, please call:  
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Vice President, External Affairs & Guest Services  
(206) 987-2125

You may also write to her at Seattle Children's Hospital,  
PO Box 5371, Mailstop RB.2.419, Seattle, WA 98105-0371



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# Patients Transported by Airlift Northwest to Seattle Children's Helistop: January to June 2018

## Diagnoses requiring landing during this period

- **Asthma/Reactive Airway Disease** - A disease of the respiratory system involving airway constriction, inflammation, and mucous leading to difficult breathing, wheezing, shortness of breath, chest tightness, and coughing.
- **Bronchiolitis** – An acute inflammatory injury of the airway that is usually caused by a viral infection.
- **Croup** - inflammation of the larynx and trachea in children, associated with infection and causing breathing difficulties.
- **Diabetic Ketoacidosis (DKA)** - An abnormal build-up of sugar and acids in the blood, sometimes progressing to a decreased level of consciousness.
- **Drowning/Near Drowning** - Water submersion potentially resulting in cardiopulmonary arrest
- **Hypothermia** - A condition of having a lower body temperature than normal.
- **Hypoxic Ischemic Encephalopathy (HIE)** - A lack of oxygen to the brain of such severity to potentially result in permanent damage.
- **Ingestion (medicine or other)** - Consuming a large amount of medicine or any substance; this can be accidental or intentional.
- **Intussusception** - The inversion of one portion of the intestine within another.
- **Pneumonia** - An inflammatory condition of the lung affecting primarily the small air sacs known as alveoli.
- **Respiratory Distress** - Breathing difficulty
- **Respiratory Syncytial Virus (RSV)** - A respiratory virus that infects the lungs and breathing passages.
- **Seizures** - Physical manifestations (convulsions, sensory disturbances, or loss of consciousness) resulting from abnormal electrical discharges in the brain.

Helicopter Landings at Seattle Children's							
Date	↓ Landing at SCH	↑ Depart from SCH	Transported from	Date	↓ Landing at	↑ Depart from SCH	Transported from
<b>JANUARY</b>				<b>MAY</b>			
1/10/2018	1:35 PM	2:30 PM	Snohomish	5/1/2018	8:42 PM	9:17 PM	Yakima
1/14/2018	5:47 PM	6:19 PM	Skagit	5/4/2018	7:25 PM	8:05 PM	Kitsap
1/15/2018	11:48 AM	3:18 PM	Jefferson	5/5/2018	11:48 AM	3:35 PM	King
1/15/2018	12:20 PM	12:59 PM	Whatcom	5/8/2018	3:39 PM	4:48 PM	Yakima
1/19/2018	11:50 PM	12:22 AM	Island	5/10/2018	12:13 PM	1:02 PM	King
1/24/2018	2:44 PM	3:11 PM	Island	5/12/2018	10:30 PM	12:00 AM	Kitsap
1/29/2018	10:38 PM	11:10 PM	Whatcom	5/13/2018	11:55 AM	1:06 PM	Kitsap
<b>FEBRUARY</b>				<b>JUNE</b>			
2/11/2018	10:19 AM	11:00 AM	Jefferson	5/19/2018	4:07 PM	5:00 PM	Kittitas
2/16/2018	9:04 PM	9:28 PM	Skagit	5/24/2018	6:23 PM	7:00 PM	Whatcom
2/17/2018	9:34 PM	10:19 PM	Pierce	5/25/2018	8:37 PM	10:43 PM	Skagit
2/18/2018	5:55 PM	7:40 PM	San Juan	5/25/2018	5:00 PM	5:45 PM	Whatcom
2/24/2018	4:23 PM	5:29 PM	Whatcom	5/27/2018	11:19 AM	11:59 AM	Island
2/24/2018	7:28 PM	8:11 PM	Whatcom	5/29/2018	2:06 AM	3:09 AM	Pierce
<b>MARCH</b>				<b>JUNE</b>			
3/2/2018	1:18 PM	2:10 PM	Skagit	6/1/2018	4:47 AM	5:42 AM	Snohomish
3/2/2018	11:13 PM	12:18 AM	Whatcom	6/4/2018	4:06 PM	4:54 PM	Island
3/7/2018	1:23 AM	2:42 AM	Thurston	6/6/2018	2:01 PM	3:00 PM	Yakima
3/12/2018	10:31 AM	11:17 AM	Pierce	6/10/2018	1:45 PM	3:20 PM	Skagit
3/27/2018	12:17 PM	12:58 PM	Kitsap	6/12/2018	2:55 PM	4:10 PM	Benton
3/28/2018	12:50 PM	1:30 PM	Whatcom	6/12/2018	10:21 PM	11:28 PM	Island
<b>APRIL</b>				<b>JUNE</b>			
4/2/2018	1:03 PM	2:02 PM	Island	6/14/2018	1:00 AM	1:58 AM	King
4/2/2018	10:43 PM	11:18 PM	Clallam	6/15/2018	11:10 PM	11:53 PM	Skagit
4/2/2018	12:43 AM	1:29 AM	Island	6/19/2018	5:37 PM	6:07 PM	Chelan
4/8/2018	6:00 PM	7:00 PM	Whatcom	6/20/2018	6:07 PM	6:54 PM	Clallam
4/9/2018	9:22 PM	10:40 PM	Pierce	6/29/2018	4:26 PM	5:11 PM	Clallam
4/11/2018	5:08 AM	6:19 AM	Whatcom	6/30/2018	5:55 PM	6:31 PM	Clallam
4/14/2018	11:07 AM	12:15 PM	Clallam	6/30/2018	9:03 PM	9:49 PM	Clallam
4/18/2018	12:45 AM	1:50 AM	Skagit				
4/18/2018	11:55 AM	12:34 PM	Thurston				
4/19/2018	11:46 PM	12:40 AM	Snohomish				
4/19/2018	2:30 PM	3:11 PM	Yakima				
4/24/2018	6:23 AM	7:12 AM	Thurston				
4/28/2018	11:38 PM	12:28 AM	Island				
4/29/2018	12:31 PM	2:10 PM	Whatcom				
4/29/2018	8:46 PM	9:31 PM	Whatcom				

Ages of Patients January - June 2018	
14	Newborn - 1 Month
13	Infant (1 Month - 1 Year)
11	Toddler (1 - 3 Y)
15	School Age (4 - 11 Y)
8	Adolescent (12 - 18 Y)
<b>61</b>	<b>TOTAL</b>
# of Cases	Outcomes
2	Discharged (DC) from ED
15	DC less than 48 hours
18	DC 48 hours - 7 days
13	DC 7-30 days
4	DC 31 days or more
5	Died
4	Hospitalization ongoing
<b>61</b>	<b>TOTAL</b>

